

ABSTRACT OF THE DISCLOSURE

A communication apparatus comprising a semiconductor DAA, a system unit and a modem is provided. The DAA has a line control unit connected to a communication line network and a serial IF unit connected to the line control unit via an isolating circuit, and controls the communication line network and transmits and receives data. The modem modulates and demodulates the transmitted and received data. The system unit controls the semiconductor DAA and the modem. The line control unit includes a line current detector for detecting a line current and a line voltage detector for detecting a line voltage. The system unit obtains line impedance based on the line current and the line voltage, and adjusts the transmission level of the modem in accordance with the obtained line impedance.